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| Book Name: | [**Agricultural Sciences: Techniques and Innovations**](https://bookstore.bookpi.org/product/agricultural-sciences-techniques-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5217** |
| Title of the Manuscript:  | **Sugarcane Root Distribution in the Soil Profile at the White Nile Sugar Estate Plantation** |
| Type of the Article | **BOOK CHAPTER** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This is a solid and data-rich documents for presents meaningful observations about sugarcane root distribution across growth stages and furrow positions. The study clearly targets a specific aspect of sugarcane agronomy—root depth and distribution for demonstration how relate to irrigation management and crop performance. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract is informative but too long and reads more like an introduction. Consider splitting ideas and rewriting more concisely.  |  |
| **Is the manuscript scientifically, correct? Please write here.**  |  **Yes, but I think a general conclude were addressed further needed.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **The references are majoring distributed in 1960-2010, maybe a survey to recently focuse was better.**R. van Antwerpen, P.D.R. van Heerden, M.G. Keeping et al. 2022 **Chapter Two - A review of field management practices impacting root health in sugarcane.** [Advances in Agronomy](https://www.sciencedirect.com/bookseries/advances-in-agronomy)[Volume 173](https://www.sciencedirect.com/bookseries/advances-in-agronomy/vol/173/suppl/C), 2022, Pages 79-162 |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Hsiao-Dao Chang, Ming Chi University of Technology, Taiwan**